

=> fil hcaplus  
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FILE COVERS 1907 - 7 May 2003 VOL 138 ISS 19  
FILE LAST UPDATED: 6 May 2003 (20030506/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=>

=> d stat que 12  
L1 58825 SEA FILE=REGISTRY ABB=ON PLU=ON RIY/SQSP  
L2 0 SEA FILE=REGISTRY ABB=ON PLU=ON L1 AND SQL=3

=> fil hcaplus  
 FILE 'HCAPLUS' ENTERED AT 15:43:45 ON 07 MAY 2003  
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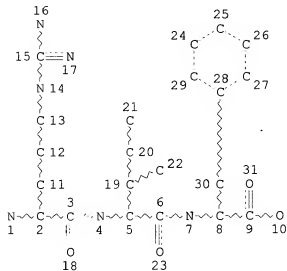
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FILE COVERS 1907 - 7 May 2003 VOL 138 ISS 19  
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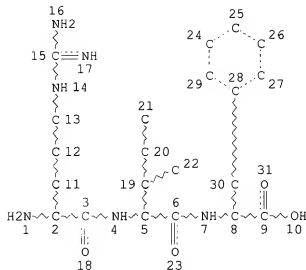
=> d stat que l11  
 L5 STR



NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 31

STEREO ATTRIBUTES: NONE  
 L7 105 SEA FILE=REGISTRY SSS FUL L5  
 L8 STR



## NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 31

## STEREO ATTRIBUTES: NONE

L9 3 SEA FILE=REGISTRY SUB=L7 SSS FUL L8

L10 1 SEA FILE=REGISTRY ABB=ON PLU=ON L9 NOT PHENYLALANINE

L11 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L10

=&gt;

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=&gt; d ibib abs hitrn l11 1-2

L11 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:688104 HCAPLUS

DOCUMENT NUMBER: 133:261546

TITLE: Therapeutic use of .beta.1-integrin inhibitors

INVENTOR(S): McCarthy, James B.; Mileski, William J.; Jamieson, Gordon A., Jr.; Low, Walter C.; Sawchuk, Ronald J.; Furcht, Leo T.

PATENT ASSIGNEE(S): Regents of the University of Minnesota, USA; Board of Regents, the University of Texas System; Sentron Medical, Inc.

SOURCE: PCT Int. Appl., 61 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000056350	A2	20000928	WO 2000-US7680	20000322
WO 2000056350	A3	20010531		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,

CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,  
 ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,  
 LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,  
 SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,  
 ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

## PRIORITY APPLN. INFO.:

US 1999-125634P P 19990322  
 US 1999-167538P P 19991124

AB Methods are provided that use .beta.1-integrin inhibitors for one or more of the following: inhibiting leukocyte-mediated destruction of tissues, esp. after injuries to tissue due to heat or cold (i.e., burns or frostbite), light, electricity, chems., or other agents that cause tissue injury and destruction; inhibiting leukocyte mediated destruction of tissues after myocardial infarction, CNS ischemic injury (e.g., stroke), angioplasty, surgical incisions, injury-mediated trauma, and transplant reperfusion; inhibiting angiogenesis; inhibiting cancer cell metastasis, motility, and/or migration within tissue; restoring and/or potentiating the induction of programmed cell death in cancerous tissues or restoring normal cellular phenotype to cancerous tissue; inhibiting osteoclast adhesion and bone resorption; and/or inhibiting stem cell adhesion to bone marrow.

## IT 233673-40-0

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (.beta.1-integrin inhibitors for therapeutic uses)

## L11 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER:

1999:487314 HCAPLUS

DOCUMENT NUMBER:

131:125484

TITLE:

Peptides with .beta.1 integrin subunit dependent cell  
 adhesion modulating activity

INVENTOR(S):

McCarthy, James B.; Furcht, Leo T.; Brienza, Angela

PATENT ASSIGNEE(S):

Regents of the University of Minnesota, USA

SOURCE:

PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9937669	A1	19990729	WO 1999-US1236	19990121
W: CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2319207	AA	19990729	CA 1999-2319207	19990121
EP 1049710	A1	20001108	EP 1999-902403	19990121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002501082	T2	20020115	JP 2000-528590	19990121
PRIORITY APPLN. INFO.:				
US 1998-72119P P 19980122				
US 1998-96211P P 19980812				
US 1998-96212P P 19980812				
WO 1999-US1236 W 19990121				

AB Peptides capable of modulating .beta.1 integrin subunit dependent cell adhesion which includes a C-terminal arom. amino acid residue and an amino acid residue having a lipophilic alkyl side chain as the penultimate C-terminal residue are provided. These "LipAr" C-terminated peptides are typically capable of modulating the .beta.1 integrin subunit dependent

adhesion of cells, such as Ramos cells.

IT 233673-40-0

RI: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Peptides with .beta.1 integrin subunit dependent cell adhesion modulating activity)

REFERENCE COUNT: 3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil reg

FILE 'REGISTRY' ENTERED AT 15:44:00 ON 07 MAY 2003

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 MAY 2003 HIGHEST RN 511508-58-0

DICTIONARY FILE UPDATES: 6 MAY 2003 HIGHEST RN 511508-58-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

=>

=> d ide can l10 1

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS

RN 233673-40-0 REGISTRY

CN L-Tyrosine, L-arginyl-L-isoleucyl- (9CI) (CA INDEX NAME)

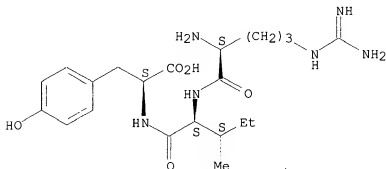
FS STEREOSEARCH

MF C21 H34 N6 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



\*\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1957 TO DATE)

2 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1: 133:261546

REFERENCE 2: 131:125484